

CLAIMS

What is claimed is:

- 1 1. An applicator and closure cap assembly, comprising:
2 a container;
3 fluid in said container;
4 a neck on said container;
5 a porous applicator tip secured to said container;
6 an orifice providing a fluid pathway from a fluid holding portion of said
7 container to said applicator tip;
8 a closure cap disposed on said neck so as to cover said applicator tip;
9 a non-locking interface between said closure cap and said neck; and
10 a removable seal between said closure cap and said neck.

- 1 2. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 non-locking interface is a slideable interface.

- 1 3. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 seal comprises a tearable hermetic strip seal.

- 1 4. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 container comprises a flexible material.

- 1 5. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 neck comprises non-tapered side walls and said applicator tip is attached to a structure
3 extending across an opening formed by said neck.

- 1 6. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 applicator tip comprises a urethane foam material.

1 7. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 closure cap comprises an orifice engaging pin engaging said orifice and said applicator
3 tip comprises a central bore in alignment with said orifice for receiving said pin.

1 8. An applicator and closure cap assembly in accordance with claim 1 wherein said
2 closure cap comprises a handle and a shell portion.

1 9. An applicator and closure cap assembly in accordance with claim 8 wherein said
2 handle is relatively thin in one dimension and relatively wide in another dimension and
3 includes a location for applying a name, trademark or other identifier.

1 10. An applicator and closure cap assembly in accordance with claim 8 and wherein
2 said handle includes an opening to facilitate placement of said assembly on a display
3 hook.

1 11. An applicator and closure cap assembly, comprising:
2 a container adapted to be filled with a fluid;
3 an opening in said container to receive a fluid;
4 a neck on said container;
5 a porous applicator tip secured to said container;
6 an orifice providing a fluid pathway from a fluid holding portion of said
7 container to said applicator tip;
8 a closure cap disposed on said neck to cover said applicator tip;
9 a non-locking interface between said closure cap and said neck; and
10 a removable seal between said closure cap and said neck.

1 12. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 non-locking interface is a slideable interface.

1 13. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 seal comprises a tearable hermetic strip seal.

1 14. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 container comprises a flexible material.

1 15. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 neck comprises non-tapered side walls and said applicator tip is attached to a structure
3 extending across an opening formed by said neck.

1 16. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 applicator tip comprises a urethane foam material.

1 17. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 closure cap comprises an orifice engaging pin engaging said orifice and said applicator
3 tip comprises a central bore in alignment with said orifice for receiving said pin.

1 18. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 closure cap comprises a handle and a shell portion.

1 19. An applicator and closure cap assembly in accordance with claim 18 wherein said
2 handle is relatively thin in one dimension and relatively wide in another dimension and
3 includes a location for applying a name, trademark or other identifier.

1 20. An applicator and closure cap assembly in accordance with claim 18 and wherein
2 said handle includes an opening to facilitate placement of said assembly on a display
3 hook.

1 21. An applicator and closure cap assembly in accordance with claim 11 wherein said
2 container opening is situated at a bottom section of said container and substantially spans
3 a cross-sectional area of said bottom section.

1 22. An applicator and closure cap assembly in accordance with claim 11 further
2 including a closure member adapted to mount over said container opening when it is
3 desired to seal said container after introducing a fluid therein.

1 23. A method for producing an applicator and closure cap assembly charged with a
2 dispensable fluid comprising:

3 selecting an uncharged applicator and closure cap assembly, comprising:
4 a container adapted to be filled with a fluid;
5 an opening in said container to receive a fluid;
6 a neck on said container;
7 a porous applicator tip secured to said container;
8 an orifice providing a fluid pathway from a fluid holding portion of said
9 container to said applicator tip;
10 a closure cap disposed on said neck to cover said applicator tip;
11 a non-locking interface between said closure cap and said neck; and
12 a removable seal between said closure cap and said neck;
13 charging said applicator and closure cap assembly with a dispensable fluid by
14 introducing said fluid into said container via said container opening; and
15 sealing said container opening.

1 24. An applicator and closure cap assembly, comprising:
2 a container;
3 fluid in said container;
4 a neck on said container;
5 a porous applicator tip secured to said container;

6 an orifice providing a fluid pathway from a fluid holding portion of said
7 container to said applicator tip;
8 a closure cap disposed on said neck to cover said applicator tip;
9 a removable seal between said closure cap and said neck; and
10 said closure cap comprising a longitudinally oriented handle that is relatively thin
11 in one dimension and relatively wide in another dimension and includes a location for
12 applying a name, trademark or other identifier and an opening to facilitate placement of
13 said assembly on a display hook.

1 25. An applicator and closure cap assembly, comprising:
2 a container adapted to be filled with a fluid;
3 an opening in said container to receive a fluid;
4 a neck on said container;
5 a porous applicator tip secured to said container;
6 an orifice providing a fluid pathway from a fluid holding portion of said
7 container to said applicator tip;
8 a closure cap disposed on said neck to cover said applicator tip;
9 a removable seal between said closure cap and said neck; and
10 said closure cap comprising a longitudinally oriented handle that is relatively thin
11 in one dimension and relatively wide in another dimension and includes a location for
12 applying a name, trademark or other identifier and an opening to facilitate placement of
13 said assembly on a display hook.